

Abandoned Vessels and Debris



Intro

- **CalRecycle**
 - **Asked by CCC Sheriff's Office assist with Fisherman's Cut Project**
 - **Solid Waste Cleanup Program elected to assist**
 - **Considered Pilot Projects (Key Issue)**
 - **Objective: Removal abandoned commercial/ industrial/recreational vessels and debris that pose a threat to environment or hazard to navigation**

Keys to Success

1. Adjudication by local enforcement agencies
2. Resources available
 - Both \$\$ and contractors through CalRecycle
 - Two funding mechanism (Grant or Direct)
3. Project based, not per vessel

What we are finding

Results

- Hull, Decking, Engine Compartments
 - **Heavy Metal Paints**
 - Asbestos
 - PCBs
 - Marine Lead Acid Batteries
 - Mercury Switches and Ballasts
 - Radium Dials
 - Waste Oil
 - **Orphan Containers onboard contained...**
 - Corrosives
 - Ignitable
 - Flammables
 - Compressed Gases



Pilot Projects to Date

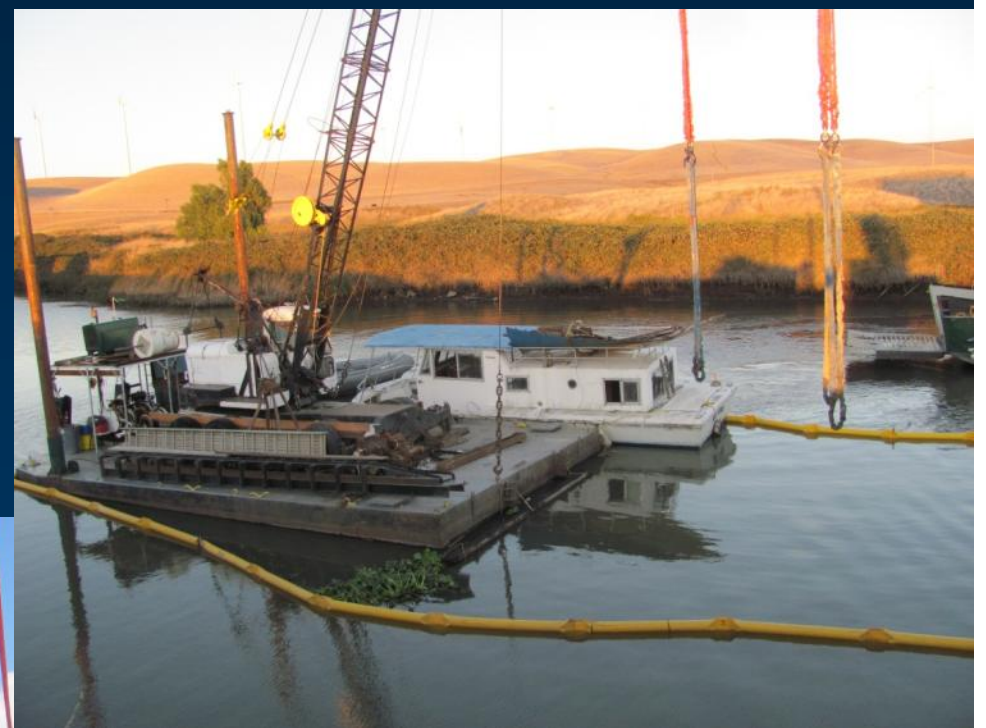
- **Contra Costa County**
 - **Phase 1**
 - 8 vessels + debris
 - \$845,000
- **Sonoma County**
 - **Bodega Bay**
 - 5 vessels + debris
 - \$200,000
 - **Petaluma River**
 - 11 vessels + debris
 - EPA \$800K + CalRecycle \$450k
- **Sacramento County**
 - **Sac River**
 - 20 vessels + debris
 - \$250,000
- **Solano County**
 - **Horseshoe Bend**
 - 1 BAV vessel
 - \$450,000
- **CCC**
 - **Phase 2**
 - 2 vessels + debris
 - \$135,000

Recent Project

- **Sacramento River**
 - **Sac County, Solano County, and Contra Costa County**







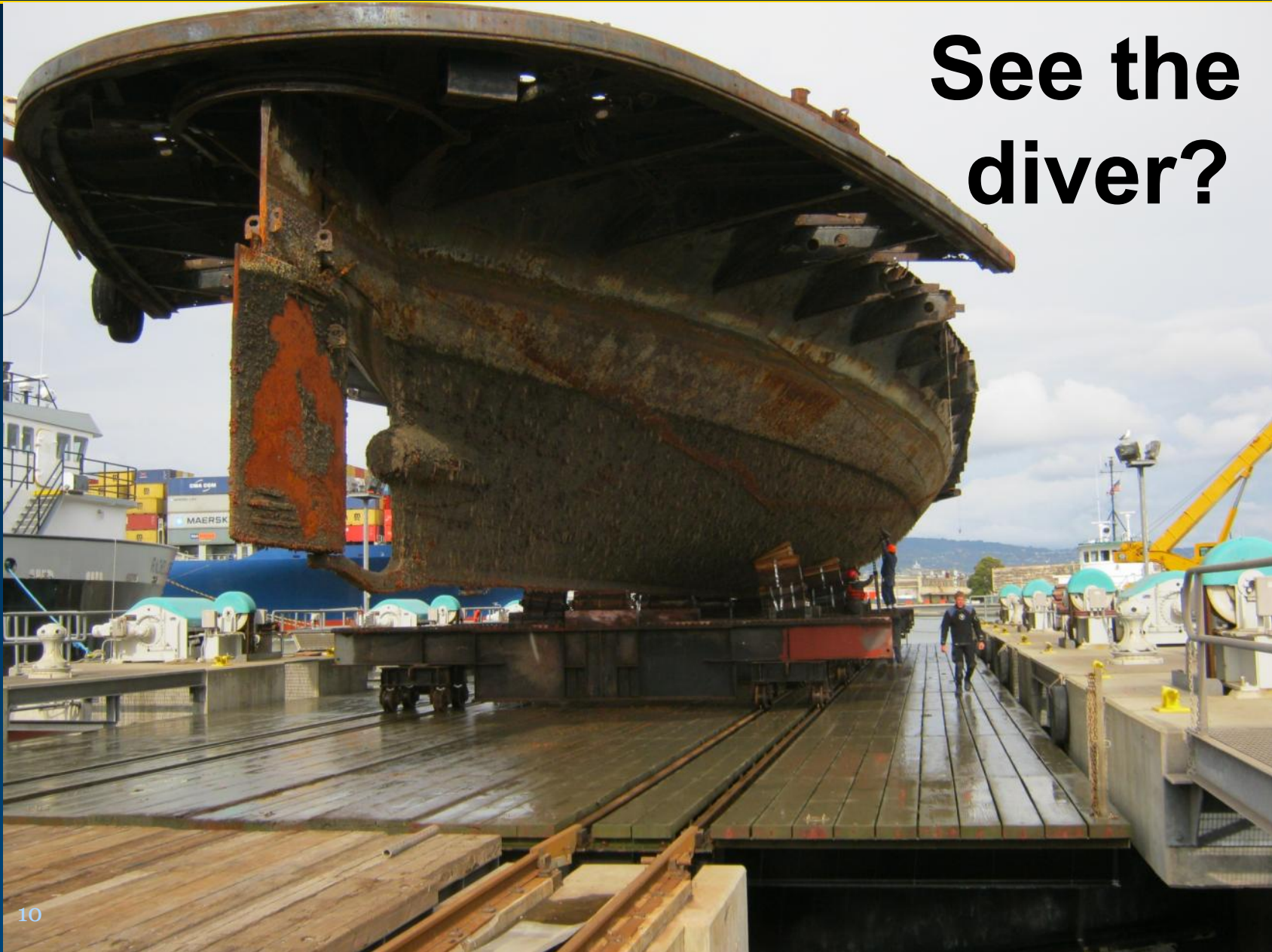
Vessel Demo

The “Old San Diego”

- State Lands Request
- Abandoned Ferry
 - 210ft by 58ft
 - 770 Tons



**See the
diver?**



Vessel Demo



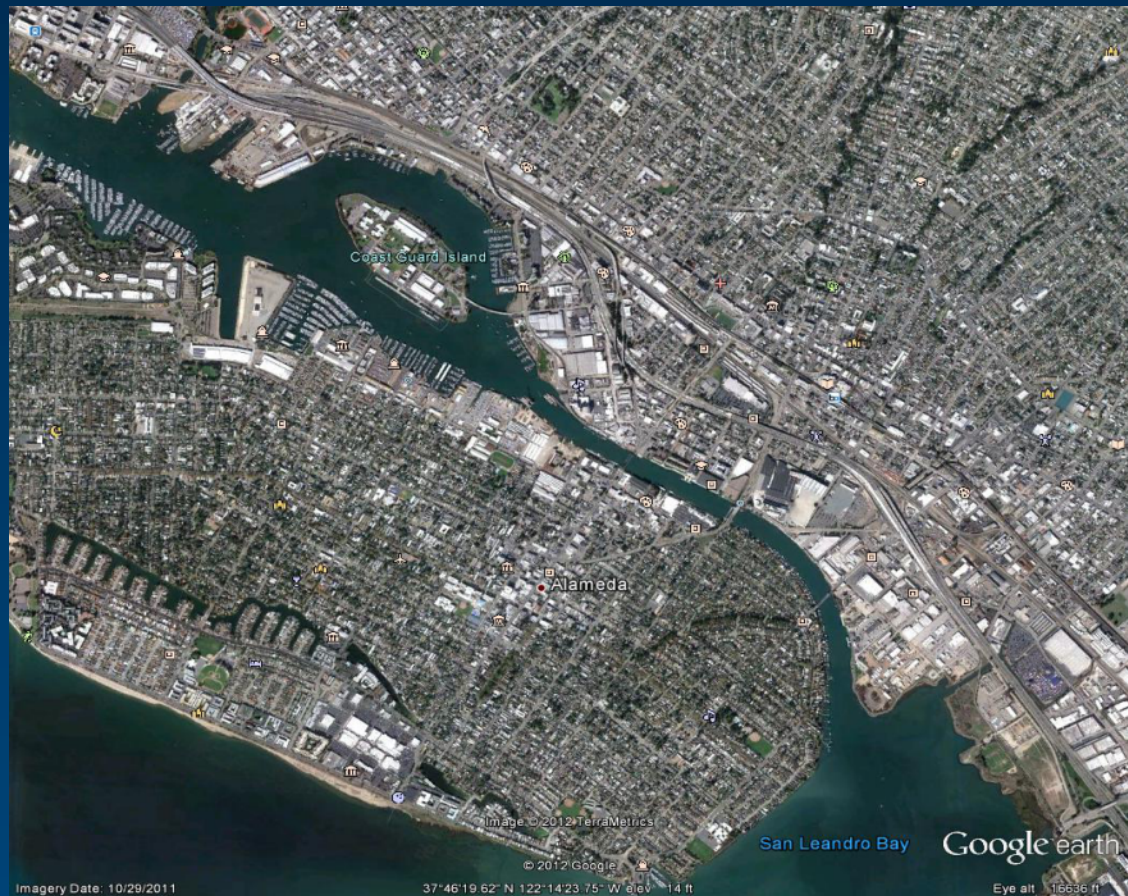
Oakland Enhancement Project



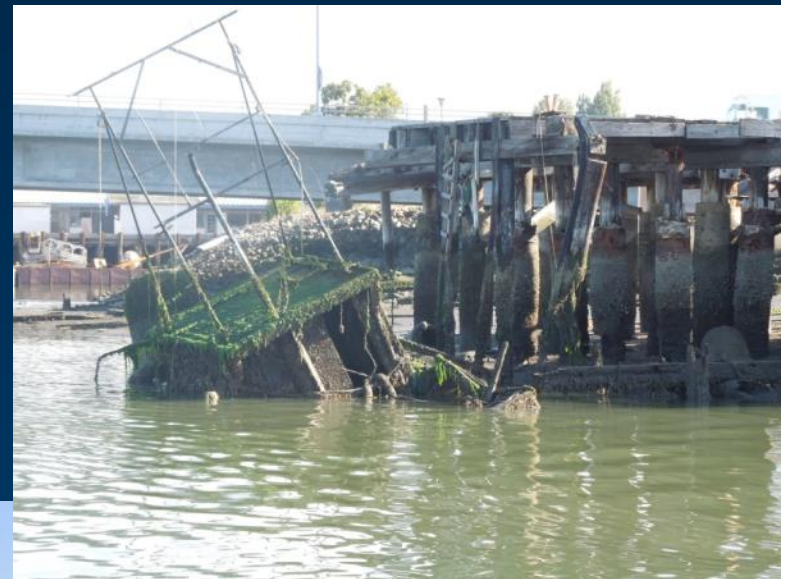
Proposed Grant

- Joint Project with Local Enforcement, State and Federal
- Funding from CalRecycle and the USFW (50/50 Match)
- Available funding \$1.3
 - **Projected at \$2.2 Million**

Scope – Eight sites with 40 to 50 vessels and marine debris



Debris and Dock



Public Access Issues



Access



Navigational Hazards



Illegal Moorings



Abandonments



Status

- Currently working on two water abatement projects (Oakland and West Sac)
 - **Fiscal year 12/13 funds are committed**
- Working on a leg fix to eliminate the pilot project classification

Questions

- What is the magnitude of the problem?
- Estimated at a minimum of \$20 million
 - \$10 million in the Bay Area Region
 - \$10 million in the Delta
- CalRecycle vessel expenditures
 - Over \$2 million to date
 - \$1 million this year alone

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